

Regional HIV/AIDS Epidemiologic Profile of Bristol County, Massachusetts: FY 2008

Table 1. Total number of people reported with HIV infection or AIDS¹ by mortality status on December 31, 2007 Bristol County, Massachusetts

	N	%
People Living with HIV/AIDS	1,051	57%
People Reported with HIV or AIDS who are Deceased	805	43%
Total Number of People Reported with HIV Infection or AIDS	1,856	100%

¹ Does not include individuals diagnosed with HIV infection (non-AIDS) who died prior to January 1, 1999 or who were not in care on January 1, 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 2. Average annual rate of HIV infection diagnosis from 2004 to 2006 and rate of people living with HIV/AIDS on 12/31/07¹: Bristol County, Massachusetts

Average annual HIV diagnosis rate from 2004–2006	Average Rate per 100,000	Average Number of HIV Diagnoses
Bristol County, MA	9 per 100,000	46
Massachusetts Total	13 per 100,000	857
Rate of people living with HIV/AIDS on 12/31/07	Rate per 100,000	Number of People Living with HIV/AIDS
Bristol County, MA	197 per 100,000	1,051
Massachusetts Total	267 per 100,000	16,977

¹ Population sizes for rate calculations are based on year 2000 population estimates from the MDPH Center for Health Information, Statistics, Research and Evaluation

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 3. People living with HIV/AIDS¹, deaths among people reported with HIV/AIDS, and newly diagnosed HIV infections by year²: 1999–2006, Bristol County, Massachusetts

Year	HIV/AIDS Prevalence	Deaths among those with HIV/AIDS	Diagnosis of HIV Infection
1999	849	41	87
2000	898	29	78
2001	921	38	61
2002	946	41	66
2003	965	33	52
2004	994	28	57
2005	1,008	30	44
2006	1,022	23	37

¹ Number of People living with HIV/AIDS on 12/31 of each year

² Reflects year of diagnosis for HIV infection among all individuals reported with HIV infection, with or without an AIDS diagnosis
Data source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 4. People diagnosed with HIV infection from 2004–2006¹ and people living with HIV/AIDS on December 31, 2007 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Bristol County, Massachusetts

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	107	78%	665	63%
Female	31	22%	386	37%
Place of Birth:	N	%	N	%
US	103	75%	828	79%
Puerto Rico/US Dependency ²	14	10%	113	11%
Non-US	21	15%	110	10%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	83	60%	640	61%
Black (non-Hispanic)	27	20%	189	18%
Hispanic	26	19%	213	20%
Other/Undetermined ³	2	1%	9	1%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	54	39%	227	22%
Injection Drug Use (IDU)	24	17%	417	40%
MSM/IDU	1	1%	32	3%
Heterosexual Sex	16	12%	204	19%
Other	1	1%	26	2%
Total Undetermined	42	30%	145	14%
• Presumed Heterosexual Sex ⁴	15	11%	92	9%
• Undetermined ⁵	27	20%	53	5%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2007	
Under 13	1	1%	2	<1%
13 to 19	3	2%	12	1%
20 to 24	5	4%	14	1%
25 to 29	8	6%	29	3%
30 to 34	20	14%	56	5%
35 to 39	26	19%	123	12%
40 to 44	26	19%	241	23%
45 to 49	24	17%	238	23%
50 to 54	15	11%	181	17%
55 to 59	5	4%	72	7%
60+	5	4%	83	8%
Total	138	100%	1,051	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

⁴ Heterosexual sex with partners with unknown risk and HIV status

⁵ Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up
Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 5. People living with HIV/AIDS on December 31, 2007 by gender and race/ethnicity: Bristol County, Massachusetts

Race/Ethnicity:	Male		Female	
	N	%	N	%
White Non-Hispanic	430	65%	210	54%
Black Non-Hispanic	111	17%	78	20%
Hispanic	119	18%	94	24%
Other/Undetermined ¹	5	1%	4	1%
Total	665	100%	386	100%

¹ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 6. People living with HIV/AIDS on December 31, 2007 by gender and exposure mode: Bristol County, Massachusetts

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	227	34%	N/A	N/A
Injection drug use (IDU)	247	37%	170	44%
MSM/IDU	32	5%	N/A	N/A
Heterosexual sex	61	9%	143	37%
Other	19	3%	7	2%
Total Undetermined	79	12%	66	17%
• Presumed heterosexual sex ¹	42	6%	50	13%
• Undetermined ²	37	6%	16	4%
Total	665	100%	386	100%

¹ Heterosexual sex with partners with unknown risk and HIV status

² Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up; N/A=Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 7. People diagnosed with HIV infection by gender and year of diagnosis: Bristol County, Massachusetts, before 1999, 1999–2006¹

	Male		Female		Total
	N	%	N	%	
< 1999	912	68%	430	32%	1,342
1999	62	71%	25	29%	87
2000	49	63%	29	37%	78
2001	38	62%	23	38%	61
2002	40	61%	26	39%	66
2003	40	77%	12	23%	52
2004	44	77%	13	23%	57
2005	36	82%	8	18%	44
2006 ²	27	73%	10	27%	37

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 8. People diagnosed with HIV infection by race/ethnicity and year of diagnosis: Bristol County, Massachusetts, before 1999, 1999–2006¹

	White NH		Black NH		Hispanic		Other/ Undetermined ²		Total
	N	%	N	%	N	%	N	%	
< 1999	879	65%	223	17%	232	17%	8	1%	1,342
1999	54	62%	18	21%	14	16%	1	1%	87
2000	39	50%	21	27%	17	22%	1	1%	78
2001	41	67%	10	16%	9	15%	1	2%	61
2002	41	62%	13	20%	12	18%	0	0%	66
2003	36	69%	7	13%	8	15%	1	2%	52
2004	30	53%	10	18%	17	30%	0	0%	57
2005	29	66%	10	23%	-- ³	-- ³	-- ³	-- ³	44
2006 ⁴	24	65%	7	19%	5	14%	1	3%	37

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

⁴ 2006 data are preliminary

NH = Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 9. People diagnosed with HIV infection by place of birth and year of diagnosis: Bristol County, Massachusetts, before 1999, 1999–2006¹

	US		Puerto Rico/ US Dependency ²		Non-US		Total
	N	%	N	%	N	%	
< 1999	1,121	84%	130	10%	91	7%	1,342
1999	68	78%	9	10%	10	11%	87
2000	56	72%	7	9%	15	19%	78
2001	48	79%	5	8%	8	13%	61
2002	45	68%	9	14%	12	18%	66
2003	42	81%	5	10%	5	10%	52
2004	39	68%	10	18%	8	14%	57
2005	37	84%	1	2%	6	14%	44
2006 ³	27	73%	3	8%	7	19%	37

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 10. People diagnosed with HIV infection by exposure mode and year of diagnosis: Bristol County, Massachusetts, before 1999, 1999–2006¹

	MSM		IDU		MSM/ IDU		HTSX		Other		Pres. HTSX ²		Undeter- mined ³		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
<1999	276	21%	706	53%	46	3%	162	12%	61	5%	57	4%	34	3%	1,342
1999	18	21%	34	39%	3	3%	20	23%	0	0%	8	9%	4	5%	87
2000	18	23%	22	28%	1	1%	21	27%	1	1%	9	12%	6	8%	78
2001	11	18%	22	36%	2	3%	10	16%	1	2%	11	18%	4	7%	61
2002	14	21%	25	38%	3	5%	13	20%	1	2%	7	11%	3	5%	66
2003	14	27%	15	29%	4	8%	11	21%	0	0%	6	12%	2	4%	52
2004	20	35%	12	21%	0	0%	8	14%	1	2%	8	14%	8	14%	57
2005	19	43%	9	20%	1	2%	3	7%	0	0%	3	7%	9	20%	44
2006 ⁴	15	41%	3	8%	0	0%	5	14%	0	0%	4	11%	10	27%	37

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Heterosexual sex with partners with unknown risk and HIV status

³ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up

⁴ 2006 data are preliminary

MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 11. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by year of diagnosis: Bristol County, Massachusetts, 1999–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Year:	N	N	%
1999	32	87	37%
2000	25	78	32%
2001	21	61	34%
2002	24	66	36%
2003	16	52	31%
2004	17	57	30%
2005	12	44	27%
2006	12	37	32%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS
Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 12. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by gender, race/ethnicity, and place of birth: Bristol County, Massachusetts, 2004–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Gender:	N	N	%
Male	34	107	32%
Female	7	31	23%
Race/Ethnicity:	N	N	%
White (non-Hispanic)	26	83	31%
Black (non-Hispanic)	8	27	30%
Hispanic	7	26	27%
Other/Undetermined ²	0	2	0%
Place of Birth:	N	N	%
US	28	103	27%
Puerto Rico/US Dependencies ³	5	14	36%
Non-US	8	21	38%
Total	41	138	30%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08